

FIG. 1(a)

FIG. 1(b)

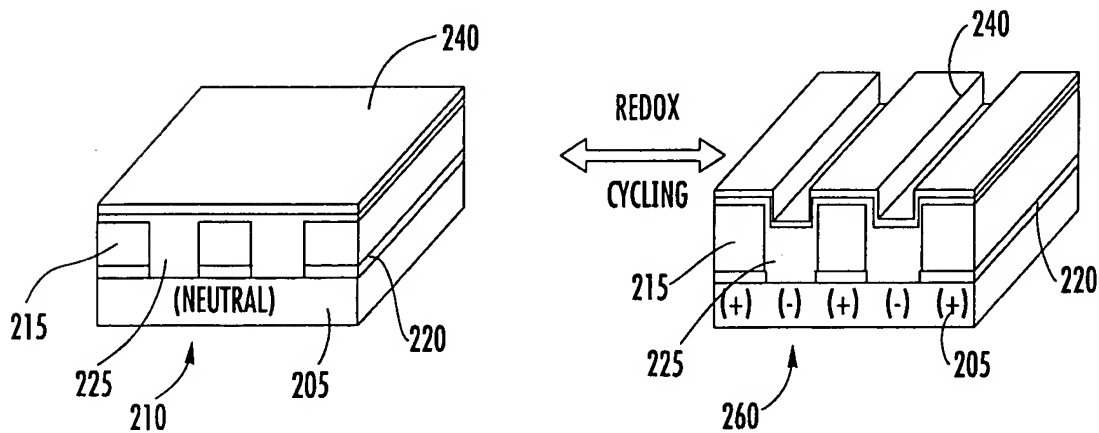


FIG. 2(a)

FIG. 2(b)

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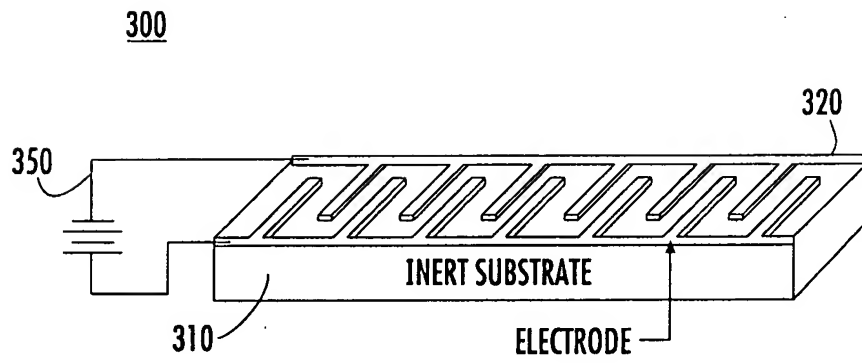


FIG. 3

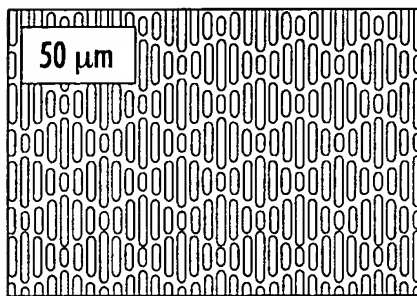


FIG. 4(a)

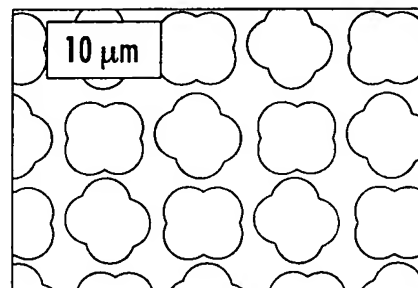


FIG. 4(b)

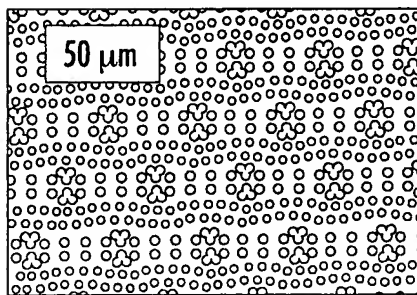


FIG. 4(c)

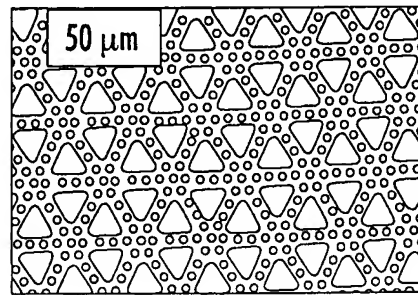


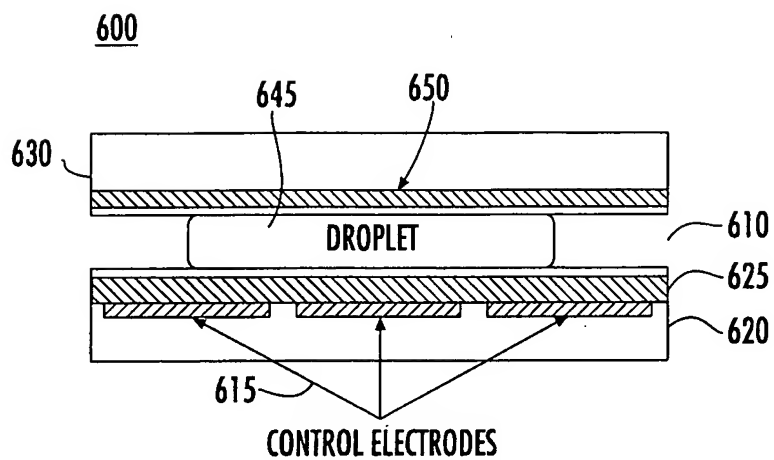
FIG. 4(d)

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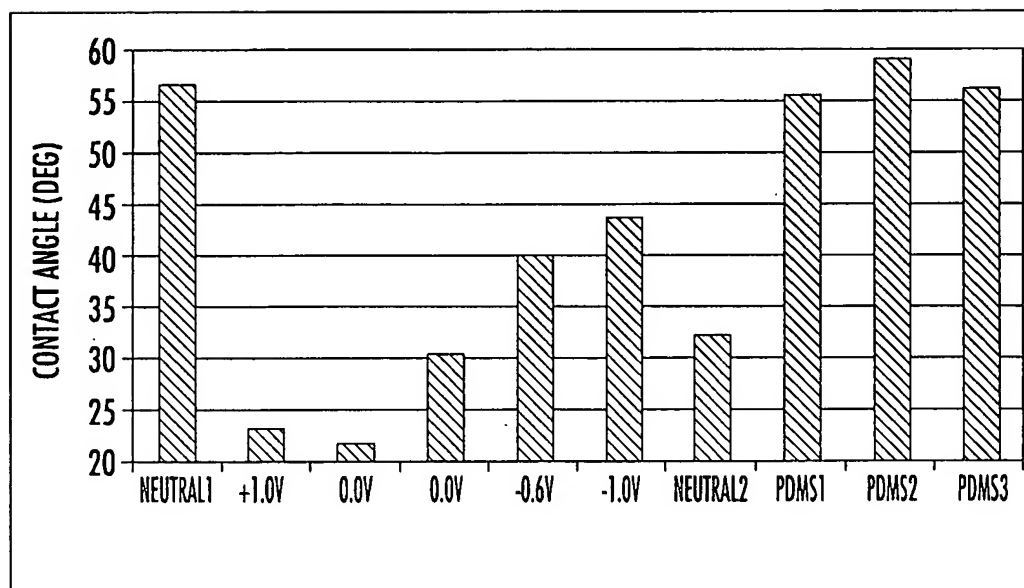
	DEPTH (um)	SPACING (um)	WIDTH (um)	ROUGHNESS FACTOR
RIBLET	5	2	2	5.0
	8	2	2	7.3
	10	2	2	8.9
STAR/CLOVER	5	2	4	4.5
	8	2	4	6.6
	10	2	4	8.0
	5	2	2,4	3.6
	8	2	2,4	5.2
	10	2	2,4	6.2
GRADIENT	5	1,2,3,4	2	2.8
	8	1,2,3,4	2	3.8
	10	1,2,3,4	2	4.5
TRIANGLE/CIRCLE	5	1	1,5	7.5
	5	2	2,10	4.2
	5	3	3,15	3.2
	8	1	1,5	11.3
	8	2	2,10	6.2
	8	3	3,15	4.4
	10	1	1,5	13.9
	10	2	2,10	7.5
	10	3	3,15	5.3

FIG. 5

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**FIG. 6**



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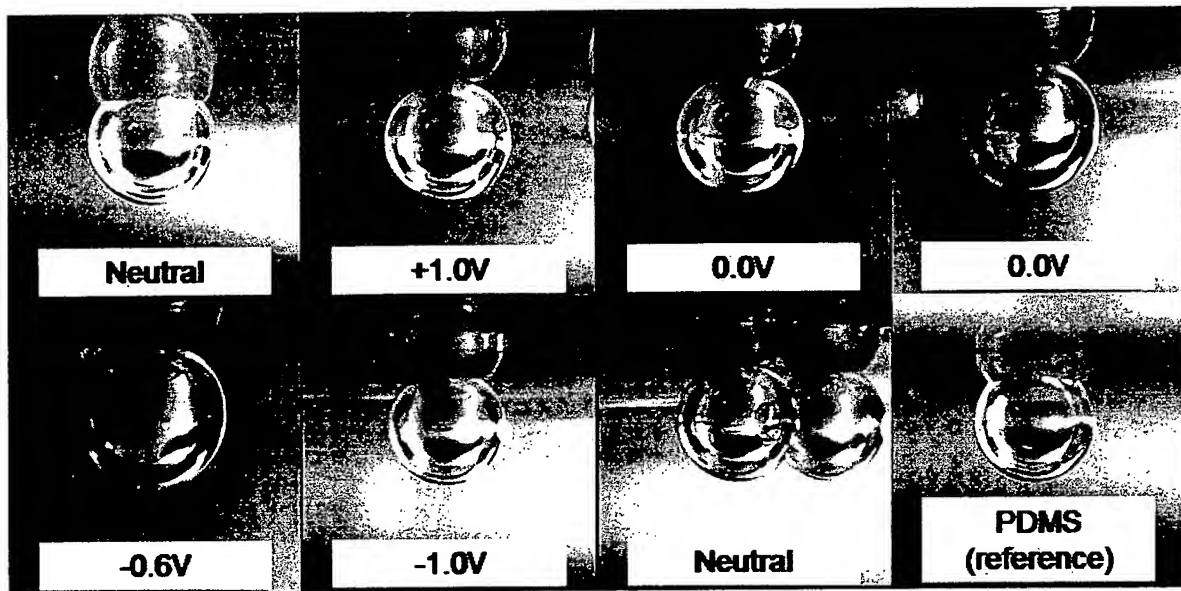


FIG. 8

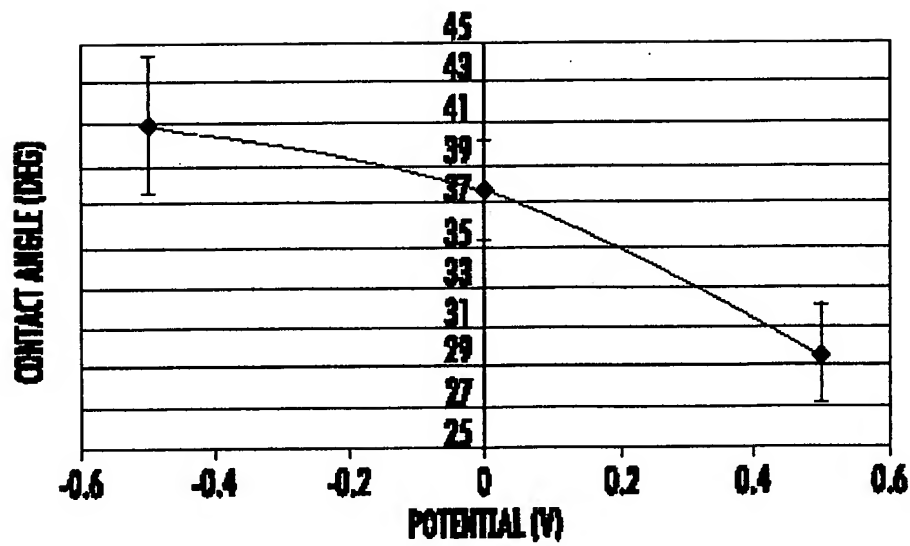


FIG. 9

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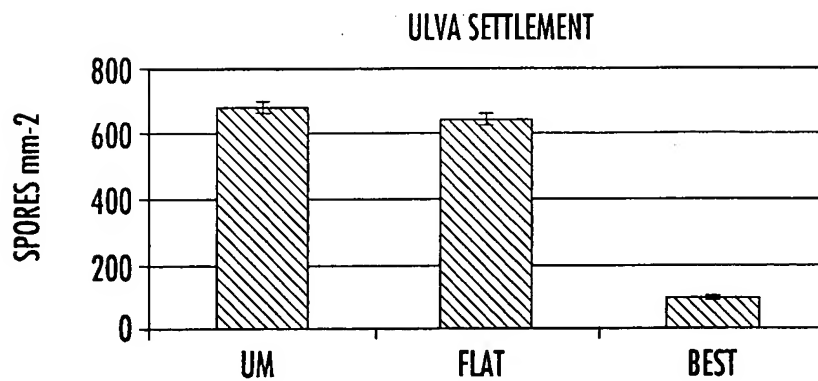


FIG. 10



FIG. 11(a)

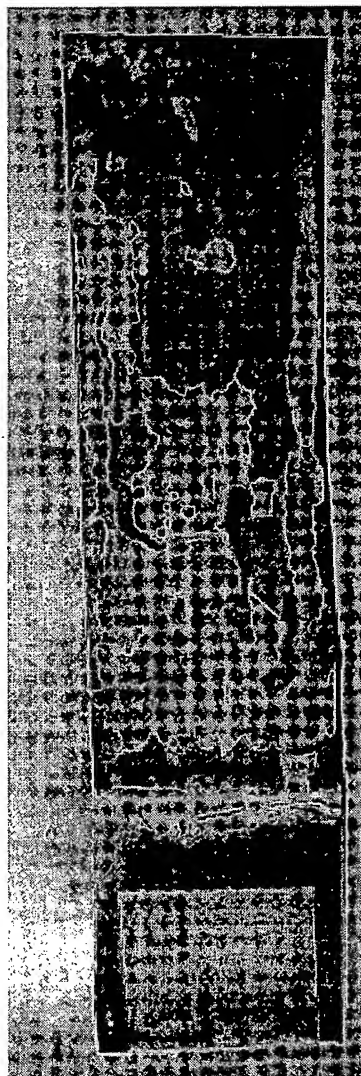


FIG. 11(b)